

Claims

- [c1] What is claimed is:
1. A holder for use in semiconductor or liquid-crystal manufacturing devices, comprising:
a ceramic susceptor; and
a composite of a ceramic and a metal furnished atop said ceramic susceptor.
 - [c2] 2. A holder as set forth in claim 1, wherein the Young's modulus of the ceramic-and-metal composite is 300 GPa or less.
 - [c3] 3. A holder as set forth in claim 1, wherein the thermal conductivity of the ceramic-and-metal composite is 100 W/mK or more.
 - [c4] 4. A holder as set forth in claim 1, wherein the thermal expansion coefficient of the ceramic-and-metal composite is 2.5×10^{-6} to $8.0 \times 10^{-6}/^{\circ}\text{C}$.
 - [c5] 5. A holder as set forth in claim 1, further comprising a support part supporting the ceramic-and-metal composite.
 - [c6] 6. A holder as set forth in claim 1, further comprising a

support part supporting the ceramic susceptor.

- [c7] 7. A holder as set forth in claim 1, further comprising a support part supporting both the ceramic-and-metal composite and the ceramic susceptor.
- [c8] 8. A holder as set forth in claim 1, wherein a coating is formed on at least a processed-object-retaining side of the holder.
- [c9] 9. A holder as set forth in claim 1, wherein the ceramic-and-metal composite functions as an electrode.
- [c10] 10. A semiconductor or liquid-crystal manufacturing device in which the holder of claim 1 is installed.